|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Gene Symbol** | **Genbank Accession** | **Me665/1**  **miR-126&126\* vs Tween** |  |  |  | **Gene Symbol** | **Genbank**  **Accession** | **A375M**  **miR-126&126\* vs TripZ** |
| **BAX** | NM\_138763 | down |  |  |  | **AKT2** | NM\_001626 | down |
| **BID** | NM\_197966 | down |  |  |  | **AR** | NM\_000044 | down |
| **CASP8** | NM\_033355 | down |  |  |  | **CCND1** | NM\_053056 | down |
| **CBLB** | NM\_170662 | down |  |  |  | **CCNE1** | NM\_001238 | down |
| **CCNE2** | NM\_057749 | down |  |  |  | **CCNE2** | NM\_057749 | down |
| **CDKN1A** | NM\_078467 | down |  |  |  | **CDC42** | NM\_044472 | down |
| **COL4A1** | NM\_001845 | down |  |  |  | **CSF2RA** | NM\_172249 | down |
| **CTBP1** | NM\_001012614 | down |  |  |  | **CTBP1** | AL137653 | down |
| **CYCS** | NM\_018947 | down |  |  |  | **DAPK1** | NM\_004938 | down |
| **DAPK2** | NM\_014326 | down |  |  |  | **E2F1** | NM\_005225 | down |
| **DVL3** | NM\_004423 | down |  |  |  | **E2F2** | NM\_004091 | down |
| **E2F3** | NM\_001949 | down |  |  |  | **ETS1** | NM\_005238 | down |
| **EP300** | NM\_001429 | down |  |  |  | **FGF1** | NM\_000800 | down |
| **ETS1** | NM\_005238 | down |  |  |  | **FGFR1** | NM\_023108 | down |
| **FGF1** | NM\_000800 | down |  |  |  | **FZD5** | NM\_003468 | down |
| **FGF16** | NM\_003868 | down |  |  |  | **FZD8** | NM\_031866 | down |
| **FGFR1** | NM\_023110 | down |  |  |  | **GRB2** | NM\_002086 | down |
| **FZD1** | NM\_003505 | down |  |  |  | **HRAS** | NM\_005343 | down |
| **FZD5** | NM\_003468 | down |  |  |  | **HSP90AA1** | NM\_005348 | down |
| **GLI1** | NM\_005269 | down |  |  |  | **KITLG** | NM\_000899 | down |
| **HRAS** | NM\_005343 | down |  |  |  | **LAMA5** | NM\_005560 | down |
| **HSP90AB1** | NM\_007355 | down |  |  |  | **LAMC2** | NM\_005562 | down |
| **IL6** | NM\_000600 | down |  |  |  | **MAX** | NM\_197957 | down |
| **ITGB1** | NM\_133376 | down |  |  |  | **MMP1** | NM\_002421 | down |
| **LAMA3** | NM\_198129 | down |  |  |  | **MYC** | NM\_002467 | down |
| **LAMA4** | NM\_002290 | down |  |  |  | **NOS2** | NM\_000625 | down |
| **LAMB3** | NM\_001017402 | down |  |  |  | **PIK3R3** | NM\_003629 | down |
| **MAPK3** | NM\_002746 | down |  |  |  | **PPARG** | NM\_138711 | down |
| **MAPK9** | NM\_002752 | down |  |  |  | **PPARGC1B** | NM\_133263 | down |
| **MET** | NM\_000245 | down |  |  |  | **RUNX1T1** | NM\_004349 | down |
| **MMP2** | NM\_004530 | down |  |  |  | **RXRA** | AK090416 | down |
| **PDGFRB** | NM\_002609 | down |  |  |  | **SLC2A1** | NM\_006516 | down |
| **PIAS2** | NM\_173206 | down |  |  |  | **STK4** | NM\_006282 | down |
| **PIK3CD** | NM\_005026 | down |  |  |  | **TGFB3** | NM\_003239 | down |
| **PLD1** | NM\_002662 | down |  |  |  | **TPM3** | NM\_001043352 | down |
| **PPARG** | NM\_138711 | down |  |  |  | **VEGFA** | NM\_001025366 | down |
| **RAC2** | NM\_002872 | down |  |  |  | **VHL** | NM\_000551 | down |
| **RALB** | NM\_002881 | down |  |  |  | **ACVR1C** | NM\_145259 | up |
| **RASSF1** | NM\_170713 | down |  |  |  | **APC2** | NM\_005883 | up |
| **RASSF5** | NM\_182663 | down |  |  |  | **BIRC3** | NM\_001165 | up |
| **RB1** | NM\_000321 | down |  |  |  | **CCNA1** | NM\_003914 | up |
| **RXRA** | AK090416 | down |  |  |  | **CDKN2A** | NM\_058197 | up |
| **RXRB** | NM\_021976 | down |  |  |  | **CEBPA** | NM\_004364 | up |
| **STK4** | BC005231 | down |  |  |  | **EGF** | NM\_001963 | up |
| **SUFU** | NM\_016169 | down |  |  |  | **FGF12** | NM\_004113 | up |
| **TGFBR3** | NM\_003243 | down |  |  |  | **FGF13** | NM\_004114 | up |
| **TPM3** | NM\_152263 | down |  |  |  | **FGF14** | NM\_175929 | up |
| **WNT1** | NM\_005430 | down |  |  |  | **FGFR3** | NM\_000142 | up |
| **ACVR1C** | NM\_145259 | up |  |  |  | **FOS** | NM\_005252 | up |
| **APC2** | NM\_005883 | up |  |  |  | **FZD7** | NM\_003507 | up |
| **AXIN2** | NM\_004655 | up |  |  |  | **FZD9** | NM\_003508 | up |
| **CCNA1** | NM\_003914 | up |  |  |  | **IGF1R** | NM\_000875 | up |
| **CDC42** | NM\_044472 | up |  |  |  | **IL8** | NM\_000584 | up |
| **CEBPA** | NM\_004364 | up |  |  |  | **JUN** | NM\_002228 | up |
| **COL4A6** | NM\_033641 | up |  |  |  | **JUP** | NM\_002230 | up |
| **CTNNA3** | NM\_013266 | up |  |  |  | **KLK3** | AF335478 | up |
| **EGLN3** | NM\_022073 | up |  |  |  | **LAMA2** | NM\_000426 | up |
| **EPAS1** | NM\_001430 | up |  |  |  | **LAMA3** | NM\_198129 | up |
| **ERBB2** | NM\_001005862 | up |  |  |  | **MITF** | NM\_198159 | up |
| **FAS** | NM\_000043 | up |  |  |  | **PRKCA** | NM\_002737 | up |
| **FGF13** | NM\_004114 | up |  |  |  | **RAC2** | NM\_002872 | up |
| **FGFR3** | NM\_000142 | up |  |  |  | **SMAD2** | NM\_001003652 | up |
| **FN1** | NM\_212482 | up |  |  |  | **SMAD3** | NM\_005902 | up |
| **FZD3** | NM\_017412 | up |  |  |  | **TGFB2** | NM\_001135599 | up |
| **GLI2** | NM\_005270 | up |  |  |  | **TRAF1** | NM\_005658 | up |
| **HGF** | NM\_001010931 | up |  |  |  | **WNT11** | NM\_004626 | up |
| **JAK1** | NM\_002227 | up |  |  |  | **WNT4** | NG\_008974 | up |
| **KIT** | NM\_000222 | up |  |  |  | **WNT6** | NM\_006522 | up |
| **LAMA1** | NM\_005559 | up |  |  |  |  |  |  |
| **LAMB4** | NM\_007356 | up |  |  |  |  |  |  |
| **LEF1** | NM\_016269 | up |  |  |  |  |  |  |
| **MECOM** | NM\_005241 | up |  |  |  |  |  |  |
| **MITF** | NM\_198159 | up |  |  |  |  |  |  |
| **MMP1** | NM\_002421 | up |  |  |  |  |  |  |
| **PDGFRA** | AA599881 | up |  |  |  |  |  |  |
| **PIK3CG** | NM\_002649 | up |  |  |  |  |  |  |
| **PLCG2** | NM\_002661 | up |  |  |  |  |  |  |
| **RARB** | NM\_000965 | up |  |  |  |  |  |  |
| **RUNX1T1** | AF018283 | up |  |  |  |  |  |  |
| **SMO** | NM\_005631 | up |  |  |  |  |  |  |
| **TCF7** | NM\_003202 | up |  |  |  |  |  |  |
| **TGFA** | NM\_003236 | up |  |  |  |  |  |  |
| **WNT11** | NM\_004626 | up |  |  |  |  |  |  |
| **WNT6** | NM\_006522 | up |  |  |  |  |  |  |
| **WNT9A** | AB060283 | up |  |  |  |  |  |  |

**Table S2**